



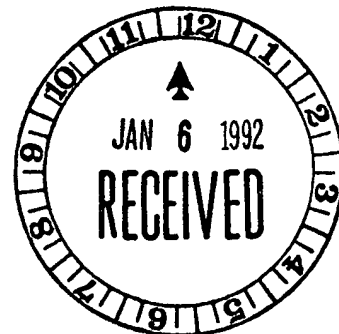
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

10/13
B. White
1-23-92

In re Application of Keith)
Serial Number: 07/542,149) Art Unit: 1814
Filed: June 22, 1990) Examiner: C. Low

For: PERTUSSIS TOXIN GENE: CLONING AND EXPRESSION

RESPONSE TO OFFICE ACTION



Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Applicant hereby responds to the Non-final Office Action mailed June 19, 1991. A petition to extend the period for response three months to December 19, 1991, authorization to debit the account of the assignee, a Declaration under 37 CFR 1.131, and an Information Disclosure Statement are presented herewith.

Please amend the application as follows:

In the specification:

On page 2, line 10, after "Thus", insert --,--;
page 2, line 23, change "aminoacid" to --amino acid--;
page 21, line 5, change "Messing" to --Messing--;
page 25, line 5, change "pertussin" to --pertussis--;
page 32, line 2, change "B. pertussis" to --B. pertussis--;
page 39, line 7, change "acitvity" to --activity--;
page 40, line 14, change "pretussis" to --pertussis--;
page 40. line 25, change "stimulte" to --stimulate--; and